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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Hoi-Sik MOON

Serial No.: 09/993,503

Confirmation No.: 8146

Filed: November 27, 2001

Docket No.: 6192.0193.AA

Group Art Unit: 2871

Examiner: NGUYEN, Hoan C.

For: **METHOD FOR DECREASING MISALIGNMENT OF A PRINTED CIRCUIT BOARD AND A LIQUID CRYSTAL DISPLAY DEVICE WITH THE PRINTED CIRCUIT BOARD**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

### RESPONSE TO NOTICE OF NON-RESPONSIVE AMENDMENT

Sir:

In reply to the Notice of Non-Response Amendment mailed January 27, 2005 and the Restriction Requirement mailed October 14, 2004, Applicant elects SPECIES B of INVENTION II, directed to a conductive pattern group of PCB corresponding one-to-one with a conductive pattern group of the connection port, wherein an interval between a conductive pattern group of PCB being smaller than an interval between the connection port.

In the Notice, the Examiner asserted that the features of SPECIES B are not disclosed in the specification. This assertion is respectfully traversed because the specification describes:


“The PCB land group 120 is composed of a plurality of PCB lands 120a to 120h and each PCB land 120a and 120h is *shrunk by a predetermined dimension* (hereafter, it is called the shrinkage design) in the direction of a point M driving the substrate 110 into two parts along the length of the substrate 110” (Page 16, lines 10-13).

Further, the specification describes "In this case, each TCP 220a to 200h is formed by a predetermined interval to align in the position before each PCB 120a to 120h corresponding to the TCP 200a to 200H is shrunk" (page 21, line 14 to page 22, line 2).

Thus, the specification discloses that the interval between the conductive pattern groups (PCB 120a, PCB 120b, ...) is smaller than the interval between the connection ports (TCP 200a, TCP 200b ...) so that the conductive pattern group may be aligned to the connection port by substantially the same interval. Accordingly, it is respectfully submitted that the features of SPECIES B are fully disclosed in the specification

If extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned for under 37 C.F.R. §1.136(a) and are hereby authorized to be charged to our Deposit Account No. 23-1951.

Respectfully submitted,



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